

Muhammad Nebil N

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Professional Summary

Results-driven Software Developer experienced in Android, web development, and automation testing. Skilled in building scalable applications using Java, PHP, Python, MySQL, and frameworks like Jetpack, Retrofit, MVVM, Flask, and OpenCV. Proficient in RESTful API development, database design, UI/UX implementation, CI/CD practices, and automation testing. Adept in Agile/Scrum delivery, requirement analysis, deployment support, and cross-functional collaboration. Passionate about problem-solving, continuous learning, and delivering efficient solutions through clean architecture and best coding practices.

Skills

Soft Skills: Team Collaboration, Problem Solving, Communication, Analytical Thinking, Time Management, Adaptability, Ownership

Technical Skills:

- **Mobile Development:** Android SDK, Jetpack Components, MVVM Architecture, Retrofit, Volley, LiveData, SQLite, Shared Preferences, Firebase Authentication, Material Design, Room Database
- **Programming Languages:** Java, PHP, Python, JavaScript, SQL, HTML, CSS, C#
- **Backend & Database:** MySQL, SQLite, Stored Procedures, CRUD Operations, REST API Integration, Authentication, Query Optimization, Database Modeling
- **Tools & Platforms:** Android Studio, VS Code, Git, GitHub, XAMPP, Firebase, API Testing Tools, Automation Scripts, Jenkins (Basic)
- **Software Engineering & Concepts:** SDLC, OOP, MVC, Agile Scrum, Debugging, Unit Testing, Test Execution, Documentation, Code Optimization, Version Control, Deployment Understanding

Experience

Software Developer

Jan 2025 – Present

WinWay IT Park, Kerala, India

- Developed production-ready Android applications using Java, MVVM, and REST API integration, improving UI responsiveness and reducing screen load latency by up to 30%.
- Engineered secure PHP and MySQL systems with optimized query logic, role-based access control, and improved session handling, enhancing data security and reducing authentication failures.
- Built and consumed RESTful APIs for mobile/web platforms, integrating third-party services for authentication, reporting, and data exchange, improving workflow efficiency and scalability.
- Collaborated in Agile teams across the full SDLC — handling requirement analysis, development, debugging, automation testing, deployment support, and Git/GitHub-based version control — accelerating delivery timelines and minimizing production defects.

Projects

ZeemPlus — Android (Java, SQLite, MySQL, PHP, API)

2025

- Built a billing system with GST calculation, item tracking, local storage, and invoice printing.

- Optimized local data handling and storage using SQLite and modular MVVM structure.
- Integrated PHP-based APIs for synchronization between local Android storage and MySQL backend, enabling seamless offline/online workflow.

Centralised Medical System (EHR) — PHP, MySQL, JavaScript

2024 – 2025

- Developed a hospital management platform with multi-role authentication and secure access controls.
- Built a backend architecture using MySQL cloud-style storage with validated input and encryption methods.
- Designed dashboards for patient records, scheduling, and doctor management to improve operational efficiency and decision-making.

Z-Clinic — PHP, MySQL, JavaScript

2025

- Built a clinic management system for appointments, patient records, scheduling, staff operations, and reporting.
- Implemented secure login, session control, and an analytics-enabled admin dashboard for streamlined workflows.
- Improved page loading time and overall usability by optimizing SQL queries and UI structure.

Fake Product Review Monitor — C#, .NET

2023

- Designed a desktop solution to detect fake reviews using IP tracking, pattern scoring, and anomaly detection.
- Built review analysis logic to identify suspicious behaviour patterns and notify associated users.
- Implemented reporting features for administrators to review flagged activities and generate insights.

Education

Master of Computer Applications (MCA)

2023 – 2025

CCSIT Palakkad, University of Calicut, Kerala

B.Sc. Computer Science

2020 – 2023

IHRD College, Kottayi (University of Calicut), Kerala